

JOURNAL OF ADVANCES IN ENGINEERING

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GENERAL INFORMATION

The paper must be an **Original** Technical Paper based on research by the author(s) or an **Original** Article of Professional or Technical interest related to **Engineering**.

On matters regarding publications, decision of the Editor in consultation with the Editorial Board shall be final.

All manuscripts must be in English. The preferred spelling of the manuscript is English.

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The Journal is published in standard A4 size (297 mm x210 mm) with a two-column layout for text. Size of the paper composed in this required format is limited to twelve (12) pages. On special occasions this maximum limit may be waived on the discretion of the Editor. The Font preferably should no more than 20 double line spaced manuscript pages including tables and illustrations, font size 12.

Main headings shall be with the same font of 12-point size bold, while sub headings shall be 10-point size, bold. Main and sub headings shall be numbered in the manner adopted in this paper. The author is free to name headings according to the context and content of the paper. However, it is preferable to have main headings in the following order for consistency.

Introduction

Literature Review

....

....

Conclusions

Acknowledgement (if any)References

References (all cited in main text) and Acknowledgement should not be given a paragraph number.

Margins shall be 20 mm all around and an additional binding gutter of 10 mm on the appropriate edge (Mirror Margins). Width of a text column shall be 75 mm with a space of 10 mm in between.

Units should be in the International System units (SI) but if other units are used, relevant SI unit should be given within brackets.

Equations should be indented and separated from the text and identified by consecutive numbers placed at the far right side of the line.

e.g.: $X = 4Y/5 - 3$ (1)

Use symbol fonts in typing the equations. Label the equations (if any) consecutively and label the symbols used in the equations. Clearly indicate the relevant positions of the equations in the manuscript.

TITLE PAGE

The title of the paper should be concise, informative and meaningful. Please avoid the use of long systemic names and non-standard abbreviations, acronyms or symbols in the title.

AUTHORS AND ADDRESSES

It is mandatory for the corresponding author to have a valid email address which should be included and if the publication is from several authors, list the names of all the authors first, followed by their full postal addresses. Use superscript numeric identifiers to link the authors with their addresses. If there is a change of the current address of an author where the work was carried out, give details in a footnote.

ABSTRACT

Abstract should consist of concise information of the content of the article and shall be informative, accessible and state the main results obtained. It shall be a summary of the research findings with objectives, a brief methodology, major findings and conclusions and shall not contain table numbers, figure numbers, references or equations and shall not exceed 250 words.

KEYWORDS

Keywords should appear immediately after the abstract, and provide a maximum of 5 separated by a comma.

INTRODUCTION

Introduction shall be concise describing the nature of the research problem concerned with its background. All relevant references shall be cited and all the highly specialized terms should be expanded indicating all abbreviations used in the article.

2. METHODOLOGY

The methods used in the research shall be described in terms of qualitative or quantitative techniques or otherwise. The methodology has to be described clearly providing sufficient details of the research design, simulation techniques, statistical tests or analyses carried out to generate the results so as to allow the methodology to be repeated by other researchers.

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Describe the details of the major findings and the outcomes of the study in the results section. Use tables to improve clarity and express results using graphs, statistical diagrams wherever relevant.

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Submit the tables of the publication as editable text and not as images. Incorporate the tables in the relevant places of the body text. Table shall be numbered consecutively. The table title shall appear on the top of the table with any explanatory caption (e.g.: Table 1 – Electrical Properties.) Ensure that the data presented in tables do not duplicate results described in the body text. It is suggested to have either one or two column width in portrait orientation for a table.

FIGURES

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4. DISCUSSION

This section shall include the discussion of the significance of results and compare the findings of previous researchers using relevant references.

5. CONCLUSION

Conclusions drawn from the research should be summarized with recommendations for future research.

6. APPENDICES

If it is needed, the appendices shall appear before the Acknowledgement. If there are multiple Appendices they have to be labeled as Appendix A, B, C and D etc.

7. ACKNOWLEDGEMENTS

The author/s have to incorporate the financial assistance received for the research, and also any intellectual support received during the work etc. under this section.

8. REFERENCES

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